

### Abstract

The invention proposes methods and apparatuses for regulating access to data in at least one data storage device in a system comprising a plurality of individual systems (10-12), in which the individual systems (10-12) reserve themselves free data areas or address areas in the data storage device and the reserved areas are then blocked for access by other individual systems (10-12), with areas (20, 23) which are speculatively extended in comparison with the directly required areas (18, 21) being reserved. This makes it possible to achieve reduced data traffic and shorter latencies.

(Figure 2)